

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/552,324A
Source: 1FW0
Date Processed by STIC: 3/6/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/552,324A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

4 Non-ASCII The submitted file was **not saved** in ASCII(DOS) text, as **required** by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules**, **each n or Xaa can only represent a single residue**. Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

7 Skipped Sequences
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 Skipped Sequences
(NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000

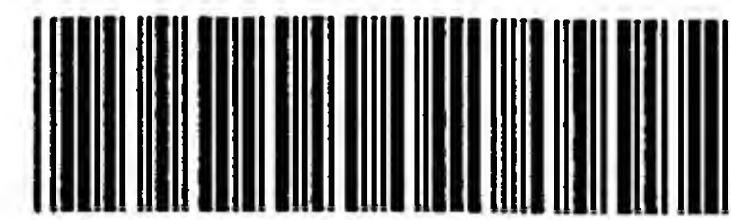
9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)

11 Use of <220>
→ Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules

12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007

TIME: 11:16:32

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
 Output Set: N:\CRF4\03062007\J552324A.raw

3 <110> APPLICANT: Igeneon Krebs-Immuntherapie Forschungs- & Entwickl
 5 <120> TITLE OF INVENTION: Immunogenic Recombinant Antibody
 7 <130> FILE REFERENCE: Immunogenic Recombinant AB
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/552,324A
 C--> 10 <141> CURRENT FILING DATE: 2005-10-07

12 <160> NUMBER OF SEQ ID NOS: 5
 14 <170> SOFTWARE: PatentIn Ver. 2.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 3973
 18 <212> TYPE: DNA

19 <213> ORGANISM: Artificial Sequence

21 <220> FEATURE:

22 <223> OTHER INFORMATION: Description of Artificial Sequence MAB 17-1A

Does Not Comply
 Corrected Diskette Needed

W--> 24 <400> SEQUENCE: 1

25 ataggctagc ctcgagccac caccatgcat cagaccagca tggcatcaa gatggatca 60
 26 cagactctgg tcttcatatac catactgctc tggatataatg gagctgatgg gaacattgt 120
 27 atgacccaaat ctcccaaatac catgtccatg tcagtaggag agagggtcac cttgacctgc 180
 28 aaggccagtg agaatgtggc tacttatgtt tcttggatc aacagaaaacc agaggcgtt 240
 29 cctaaactgc tgatatatgg ggcattccaaac cggtaactg gggccatcata tcgcttcaca 300
 30 ggcagtggat ctgcaacaga tttcaactctg accatcagca gtgtgcaggc tgaagacatt 360
 31 gcagattatc actgtggaca gggttacagc tatccgtaca ctttcggagg ggggaccaag 420
 32 ctggaaataaa aacgggctga tgctgcacca actgtatcca tcttcccacc atccagttag 480
 33 cagttAACAT ctggaggtgc ctcagtcgtg tgcttcttga acaacttcta ccccaaagac 540
 34 atcaatgtca agtggaaatg tgatggcagt gaacgacaaa atggcgttctt gaacagttgg 600
 35 actgatcagg acagcaaaga cagcacctac agcatgagca gcaccctcac gttgaccaag 660
 36 gacgagtatg aacgacataa cagctatacc tgtgaggcca ctcacaaagac atcaacttca 720
 37 cccattgtca agagcttcaa caggaatgag tggatgcgc gtggatccgc ccctctccct 780
 38 cccccccccc taacgttact ggcggaaagcc gcttggata aggcgggtgt gcgtttgtct 840
 39 atatgtgatt ttccaccata ttggcgatc ttggcaatgt gaggggccgg aacactggcc 900
 40 ctgtcttctt gacgagcatt cctagggtc ttcccccctc cggccaaaggat atgcaaggatc 960
 41 tggatgtcgtaaggaa gcgttcctc tgaaagcttc ttgaagacaa acaacgtctg 1020
 42 tagcgaccct ttgcaggcag cggaaacccccc cacatggcga caggtgcctc tgcggccaaa 1080
 43 agccacgtgt ataagataca cctgcaaagg cggcacaacc ccagtgcac gttgtgagtt 1140
 44 ggatagttgt ggaaagagtc aaatggctct cctcaagcgt attcaacaag gggctgaagg 1200
 45 atgcccagaa ggtacccat tggatggat ctgatctggc gcctcggtgc acatgcttta 1260
 46 catgtgttta gtcgaggta aaaaaacgtc tagccccccc gaaccacggg gacgtggttt 1320
 47 tccttggaaa aacacgatga taatatggcc accaccatgg aatggagcag agtctttatc 1380
 48 ttctccat cagtaactgc aggtgttac tccaggtcc agttgcagca gtctggagct 1440
 49 gagctggtaa ggcctggac ttctgttgcag gtgtcctgca aggcttctgg atacgccttc 1500
 50 actaattact tgatagatgt ggtaaagcag aggctggac agggccttga gtggattggg 1560
 51 gtgatataatc ctggaaagtgg tggactaacataatgaga agttcaaggcaaggcaaca 1620
 52 ctgactgcag acaaattcctc cagcactgcc tacatgcagc tcagcagcct gacatctgat 1680
 53 gactctgcgg tctatttctg tgcaagagat ggtccctggg ttgttactg gggccaaagg 1740

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007
TIME: 11:16:32

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
Output Set: N:\CRF4\03062007\J552324A.raw

54 actctggta ctgtctctgc agccaaaaca acagccccat cggtctatcc actggccct 1800
55 gtgtgtggag atacaactgg ctcctcggtg actctaggat gcctggtcaa gggttatttc 1860
56 cctgagccag tgaccctgac ctggaaactct ggatccctgt ccagtggtgt gcacaccc 1920
57 ccagctgtcc tgcagtctga cctctacacc ctcagcagct cagtactgt aacctcgagc 1980
58 acctggccca gccagtcacat cacotgcaat gtggccacc cggcaagcag caccaagg 2040
59 gacaagaaaa ttgagcccag agggcccaca atcaagccct gtcctccatg caaatgccc 2100
60 gcacctaacc tcttgggtgg accatccgtc ttcatcttcc ctccaaagat caaggatgta 2160
61 ctcatgatct ccctgagccc catagtcaca tgtgtgggtgg tggatgtgag cgaggatgac 2220
62 ccagatgtcc agatcagctg gtttgtgaac aacgtggaag tacacacagc tcagacacaa 2280
63 acccatagag aggattacaa cagtaacttc cgggtggta gtgcctccc catccagcac 2340
64 caggactgga tgagtggcaa ggagttcaaa tgcaaggtca acaacaaaaga cctccagcg 2400
65 cccatcgaga gaaccatctc aaaacccaaa gggtcagtaa gagtcacaca ggtatatgtc 2460
66 ttgcctccac cagaagaaga gatgactaag aaacaggtca ctctgacctg catggtcaca 2520
67 gacttcatgc ctgaagacat ttacgtggag tggaccaaca acggaaaaac agagctaaac 2580
68 tacaagaaca ctgaaccagt cctggactct gatggttctt acttcatgta cagcaagctg 2640
69 agagtggaaa agaagaactg ggtggaaaga aatagctact cctgttcaat ggtccacgag 2700
70 ggtctgcaca atcaccacac gactaagagc ttctcccgaa ctccgggtaa atgagtcac 2760
71 acgcgtcgag catgcatactc gggcgccaa ttccgcccct ctccctcccc cccccc 2820
72 gttactggcc gaagccgctt ggaataaggc cgggtgtgcgt ttgtctatat gtgatttcc 2880
73 accatattgc cgtctttgg caatgtgagg gcccggaaac ctggccctgt cttcttgacg 2940
74 agcattccta ggggtcttcc ccctctcgcc aaaggaatgc aaggctgtt gaatgtcg 3000
75 aaggaagcag ttcccttggaa agcttcttga agacaaaaca cgtctgtac gacccttgc 3060
76 aggcagcggaa acccccccacc tggcgacagg tgctctgcg gccaaaagcc acgtgtataa 3120
77 gatacacctg caaaggcggc acaaccccaag tgccacgtt tgagttggat agttgtggaa 3180
78 agagtcaaatt ggcttcctc aagcgtattc aacaaggggc tgaaggatgc ccagaaggta 3240
79 ccccattgtt tggatctga tctggggcct cgggtgcacat gcttacatg tggatgtcg 3300
80 aggttaaaaa aacgtcttagg ccccccgaac cacggggacg tggtttccct ttgaaaaaca 3360
81 cgatgataag cttgccacaa cccggatcc tctagaccac catggttcga ccattgaact 3420
82 gcatcgtcgc cgttcccaa gatatggggaa ttggcaagaa cggagaccta ccctggcctc 3480
83 cgctcaggaa cgagttcaag tacttccaaa gaatgaccac aacctttca gtggaaaggta 3540
84 aacagaatct ggtgattatg ggttagaaaaa cctggttctc cattcttgag aagaatcgac 3600
85 ctttaaagga cagaattaat atagttctca gtagagaact caaagaacca ccacgaggag 3660
86 ctcattttct tgccaaaagt ttggatgtatg ccttaagact tattgaacaa ccggaatttg 3720
87 caagtaaagt agacatggtt tggatgtcg gaggcagttc tggatgtcg gaagccatga 3780
88 atcaaccagg ccacccatcaga ctctttgtga caaggatcat gcaggaattt gaaagtgaca 3840
89 ctttttccc agaaattgtat tggggaaat ataaacttct cccagaatac ccaggcgtcc 3900
90 tctctgaggt ccaggaggaa aaaggcatca agtataagtt tgaagtctac gagaagaaag 3960
91 actaagcggc cgc 3973

93 <210> SEQ ID NO: 2

94 <211> LENGTH: 465

95 <212> TYPE: PRT

96 <213> ORGANISM: Artificial Sequence

98 <220> FEATURE:

99 <223> OTHER INFORMATION: Description of Artificial Sequence: mAB 17-1A

101 <400> SEQUENCE: 2

102 Met Glu Trp Ser Arg Val Phe Ile Phe Leu Leu Ser Val Thr Ala Gly

103 1 5 10 15

105 Val His Ser Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg

106 20 25 30

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007
TIME: 11:16:32

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
Output Set: N:\CRF4\03062007\J552324A.raw

108 Pro Gly Thr Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ala Phe
109 35 40 45
111 Thr Asn Tyr Leu Ile Glu Trp Val Lys Gln Arg Pro Gly Gln Gly Leu
112 50 55 60
114 Glu Trp Ile Gly Val Ile Asn Pro Gly Ser Gly Gly Thr Asn Tyr Asn
115 65 70 75 80
117 Glu Lys Phe Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser
118 85 90 95
120 Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Asp Asp Ser Ala Val
121 100 105 110
123 Tyr Phe Cys Ala Arg Asp Gly Pro Trp Phe Ala Tyr Trp Gly Gln Gly
124 115 120 125
126 Thr Leu Val Thr Val Ser Ala Ala Lys Thr Thr Ala Pro Ser Val Tyr
127 130 135 140
129 Pro Leu Ala Pro Val Cys Gly Asp Thr Thr Gly Ser Ser Val Thr Leu
130 145 150 155 160
132 Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Leu Thr Trp
133 165 170 175
135 Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val Leu
136 180 185 190
138 Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Thr Ser Ser
139 195 200 205
141 Thr Trp Pro Ser Gln Ser Ile Thr Cys Asn Val Ala His Pro Ala Ser
142 210 215 220
144 Ser Thr Lys Val Asp Lys Lys Ile Glu Pro Arg Gly Pro Thr Ile Lys
145 225 230 235 240
147 Pro Cys Pro Pro Cys Lys Cys Pro Ala Pro Asn Leu Leu Gly Gly Pro
148 245 250 255
150 Ser Val Phe Ile Phe Pro Pro Lys Ile Lys Asp Val Leu Met Ile Ser
151 260 265 270
153 Leu Ser Pro Ile Val Thr Cys Val Val Val Asp Val Ser Glu Asp Asp
154 275 280 285
156 Pro Asp Val Gln Ile Ser Trp Phe Val Asn Asn Val Glu Val His Thr
157 290 295 300
159 Ala Gln Thr Gln Thr His Arg Glu Asp Tyr Asn Ser Thr Leu Arg Val
160 305 310 315 320
162 Val Ser Ala Leu Pro Ile Gln His Gln Asp Trp Met Ser Gly Lys Glu
163 325 330 335
165 Phe Lys Cys Lys Val Asn Asn Lys Asp Leu Pro Ala Pro Ile Glu Arg
166 340 345 350
168 Thr Ile Ser Lys Pro Lys Gly Ser Val Arg Ala Pro Gln Val Tyr Val
169 355 360 365
171 Leu Pro Pro Glu Glu Glu Met Thr Lys Lys Gln Val Thr Leu Thr
172 370 375 380
174 Cys Met Val Thr Asp Phe Met Pro Glu Asp Ile Tyr Val Glu Trp Thr
175 385 390 395 400
177 Asn Asn Gly Lys Thr Glu Leu Asn Tyr Lys Asn Thr Glu Pro Val Leu
178 405 410 415
180 Asp Ser Asp Gly Ser Tyr Phe Met Tyr Ser Lys Leu Arg Val Glu Lys

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007
TIME: 11:16:32

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
Output Set: N:\CRF4\03062007\J552324A.raw

181 420 425 430
183 Lys Asn Trp Val Glu Arg Asn Ser Tyr Ser Cys Ser Val Val His Glu
184 435 440 445
186 Gly Leu His Asn His His Thr Thr Lys Ser Phe Ser Arg Thr Pro Gly
187 450 455 460
189 Lys
190 465
193 <210> SEQ ID NO: 3
194 <211> LENGTH: 243
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence mAB 17-1A
201 <400> SEQUENCE: 3
202 Met His Gln Thr Ser Met Gly Ile Lys Met Glu Ser Gln Thr Leu Val
203 1 5 10 15
205 Phe Ile Ser Ile Leu Leu Trp Leu Tyr Gly Ala Asp Gly Asn Ile Val
206 20 25 30
208 Met Thr Gln Ser Pro Lys Ser Met Ser Met Ser Val Gly Glu Arg Val
209 35 40 45
211 Thr Leu Thr Cys Lys Ala Ser Glu Asn Val Val Thr Tyr Val Ser Trp
212 50 55 60
214 Tyr Gln Gln Lys Pro Glu Gln Ser Pro Lys Leu Leu Ile Tyr Gly Ala
215 65 70 75 80
217 Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser
218 85 90 95
220 Ala Thr Asp Phe Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu
221 100 105 110
223 Ala Asp Tyr His Cys Gly Gln Gly Tyr Ser Tyr Pro Tyr Thr Phe Gly
224 115 120 125
226 Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala Pro Thr Val
227 130 135 140
229 Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly Gly Ala Ser
230 145 150 155 160
232 Val Val Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile Asn Val Lys
233 165 170 175
235 Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu Asn Ser Trp
236 180 185 190
238 Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr Leu
239 195 200 205
241 Thr Leu Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys Glu
242 210 215 220
244 Ala Thr His Lys Thr Ser Thr Ser Pro Ile Val Lys Ser Phe Asn Arg
245 225 230 235 240
247 Asn Glu Cys
251 <210> SEQ ID NO: 4
252 <211> LENGTH: 243
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007
TIME: 11:16:32

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
Output Set: N:\CRF4\03062007\J552324A.raw

256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence mAB 17-1A
259 <400> SEQUENCE: 4
260 Met His Gln Thr Ser Met Gly Ile Lys Met Glu Ser Gln Thr Leu Val
261 1 5 10 15
263 Phe Ile Ser Ile Leu Leu Trp Leu Tyr Gly Ala Asp Gly Asn Ile Val
264 20 25 30
266 Met Thr Gln Ser Pro Lys Ser Met Ser Met Ser Val Gly Glu Arg Val
267 35 40 45
269 Thr Leu Thr Cys Lys Ala Ser Glu Asn Val Val Thr Tyr Val Ser Trp
270 50 55 60
272 Tyr Gln Gln Lys Pro Glu Gln Ser Pro Lys Leu Leu Ile Tyr Gly Ala
273 65 70 75 80
275 Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser
276 85 90 95
278 Ala Thr Asp Phe Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu
279 100 105 110
281 Ala Asp Tyr His Cys Gly Gln Gly Tyr Ser Tyr Pro Tyr Thr Phe Gly
282 115 120 125
284 Gly Gly Thr Lys Leu Glu Ile Arg Arg Ala Asp Ala Ala Pro Thr Val
285 130 135 140
287 Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly Gly Ala Ser
288 145 150 155 160
290 Val Val Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile Asn Val Lys
291 165 170 175
293 Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu Asn Ser Trp
294 180 185 190
296 Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr Leu
297 195 200 205
299 Thr Leu Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys Glu
300 210 215 220
302 Ala Thr His Lys Thr Ser Thr Ser Pro Ile Val Lys Ser Phe Asn Arg
303 225 230 235 240
305 Asn Glu Cys
309 <210> SEQ ID NO: 5
310 <211> LENGTH: 243
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence mAB 17-1A
317 <400> SEQUENCE: 5
318 Met His Gln Thr Ser Met Gly Ile Arg Met Glu Ser Gln Thr Leu Val
319 1 5 10 15
321 Phe Ile Ser Ile Leu Leu Trp Leu Tyr Gly Ala Asp Gly Asn Ile Val
322 20 25 30
324 Met Thr Gln Ser Pro Arg Ser Met Ser Met Ser Val Gly Glu Arg Val
325 35 40 45
327 Thr Leu Thr Cys Arg Ala Ser Glu Asn Val Val Thr Tyr Val Ser Trp
328 50 55 60

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007
TIME: 11:16:33

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
Output Set: N:\CRF4\03062007\J552324A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 213,288

FYI

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:5; Line(s) 368,369,370,371,372,373,374,375,376,377,378,379,380,381,382

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/552,324A

DATE: 03/06/2007

TIME: 11:16:33

Input Set : N:\efs\03_06_07\10552324A_efs\4518-0111PUS1-ST25.txt
Output Set: N:\CRF4\03062007\J552324A.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:1
L:28 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:1
L:28 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:180
M:341 Repeated in SeqNo=1